

FIG. 5A

BY-RECIPE FEATURE-QUANTITY TEMPLATE

BAKED APPLE AND TOMATO		
INGREDIENT NAME	CUTTING	PEELING
APPLE	× [NO MENTION IN RECIPE]	× [NO MENTION IN RECIPE]
TOMATO	◎(FINE CUTTING)→ SMALL[NO PEELING/BAKING]	× [NO MENTION IN RECIPE]
DAIKON RADISH	× [NO MENTION IN RECIPE]	× [NO MENTION IN RECIPE]
...		

T5

BROILING		BRAISING
◎BROWNED[NO CUTTING]		× [NO MENTION IN RECIPE]
× [NO MENTION IN RECIPE]		× [NO MENTION IN RECIPE]
× [NO MENTION IN RECIPE]		× [NO MENTION IN RECIPE]

FIG. 5B

BY-RECIPE FEATURE-QUANTITY TEMPLATE
SALAD AND DAIKON RADISH SIMMERED IN BROTH

INGREDIENT NAME	CUTTING	PEELING
APPLE	O(QUARTER CUTTING)RED→ RED+WHITE[HARD TO JUDGE SHAPE]	◎RED→WHITE
TOMATO	O(ROUND CUTTING)→ FLAT[HARD TO JUDGE COLOR]	Δ[COLORED]
DAIKON RADISH	◎(JULIENNE CUTTING)→ THIN STRIP[HARD TO JUDGE COLOR]	Δ[COLORED]
...		

T6

	BROILING	BRAISING
	× [NO MENTION IN RECIPE]	× [NO MENTION IN RECIPE]
	× [NO MENTION IN RECIPE]	× [NO MENTION IN RECIPE]
	OBROWNED	× [NO MENTION IN RECIPE]

FIG. 7A

INGREDIENT TABLE				
INGREDIENT NAME	COLOR (INCLUDING INSIDE INFORMATION)	SHAPE	SIZE
APPLE	OUT;RED(Δ),[IN;WHITE]	CIRCLE(Δ)	5cm × 5cm × 5cm(Δ)	R1
TOMATO	OUT;RED(x),[IN;RED]	CIRCLE(Δ)	5cm × 5cm × 5cm(Δ)	
DAIKON RADISH	OUT;WHITE(x),[IN;WHITE]	ELLIPSE(O)	5cm × 5cm × 35cm(Δ)	
...				

T1

COOKED-FOOD TABLE				
COOKING OPERATION	CHANGE IN SHAPE	SIZE	
FINE CUTTING	LARGE→SMALL,A FEW→MANY(⊙)	OUT→IN(⊙)		R2
ROUND SLICING	→FLAT SURFACE(O)	OUT→OUT+IN(O)		
QUARTER CUTTING	1/4 SPHERE(Δ)	OUT→OUT+IN(O)		
CUTTING (JULIENNE CUTTING)	→THIN STRIP(⊙)	OUT→IN(O)		
PEELING	LITTLE CHANGE(x)	OUT→IN(⊙)		
BROILING	SLIGHT CHANGE(O)	BROWNED(⊙)		
BRAISING	HARD TO RECOGNIZE(x)	LARGE CHANGE(O)		T2

FIG. 7B

COOKING-OPERATION TABLE			
COOKING OPERATION	SOUND	HAND MOTION
FINE CUTTING	CONTINUOUS SOUND/HARD TO TELL FROM JULIENNE CUTTING(O)	QUICK(O)	
ROUND SLICING	CUTTING SOUND(Δ)	POSSIBLE MISJUDGMENT(Δ)	~R3
QUARTER CUTTING	CUTTING SOUND(Δ)	POSSIBLE MISJUDGMENT(Δ)	
CUTTING (JULIENNE CUTTING)	CONTINUOUS SOUND/HARD TO TELL FROM FINE CUTTING(O)	QUICK(O)	
PEELING	LOW SOUND(x)	HARD TO JUDGE(x)	
BROILING	POSSIBLE MISJUDGMENT(Δ)	UNABLE TO JUDGE(x)	
BRAISING	POSSIBLE JUDGMENT DELAY(x)	UNABLE TO JUDGE(x)	~T3

FIG. 7C

FEATURE-QUANTITY TEMPLATE

F11

INGREDIENT NAME	FINE CUTTING	ROUND SLICING
APPLE	x INAPPLICABLE[NO MENU]	O RED→RED+WHITE,A FEW→MANY
TOMATO	Δ→SMALL[SHAPE IS LOST, UNABLE TO JUDGE COLOR]	O→FLAT[HARD TO JUDGE COLOR]
DAIKON RADISH	O→FREQUENTLY[UNABLE TO JUDGE COLOR]	O→FLAT[HARD TO JUDGE COLOR]
...		
...		

QUARTER CUTTING	JULIENNE CUTTING
O RED→RED+WHITE[HARD TO JUDGE SHAPE]	x INAPPLICABLE[NO MENU]
O→1/4SPHERE[HARD TO JUDGE COLOR]	x INAPPLICABLE[NO MENU]
O→1/4SPHERE[HARD TO JUDGE COLOR]	◎→THIN STRIP[HARD TO JUDGE COLOR]

T4

PEELING	BROILING	BRAISING
◎RED→WHITE	◎BROWNED	x INAPPLICABLE
Δ[HARD TO JUDGE]	Δ[HARD TO JUDGE]	x [SHAPE IS LOST]
Δ[HARD TO JUDGE]	◎BROWNED	ΔCOLORED